

An optical device for producing a polarisation rotation of an optical signal, the device comprising: a birefringent material for, in use, splitting the optical signal into two orthogonal polarisation component signals; a polarisation rotating means for, in use, rotating each polarisation component signal by a predetermined amount, and wherein the device is arranged in a manner such that, in use, the two rotated polarisation component signals are being combined by way of the birefringent material for providing the predetermined polarisation rotated optical signal.

[illegible]